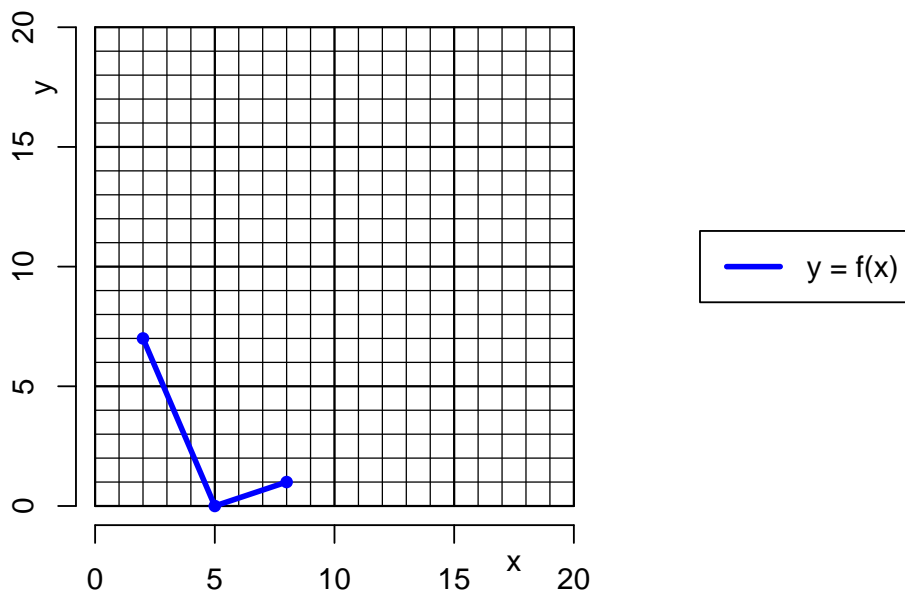# PCW_09_18 Find new points after transformation (version 3)

Question 1

Curve $y = f(x)$ contains points $(2, 7)$ and $(5, 0)$ and $(8, 1)$, as shown on the x-y plane below.
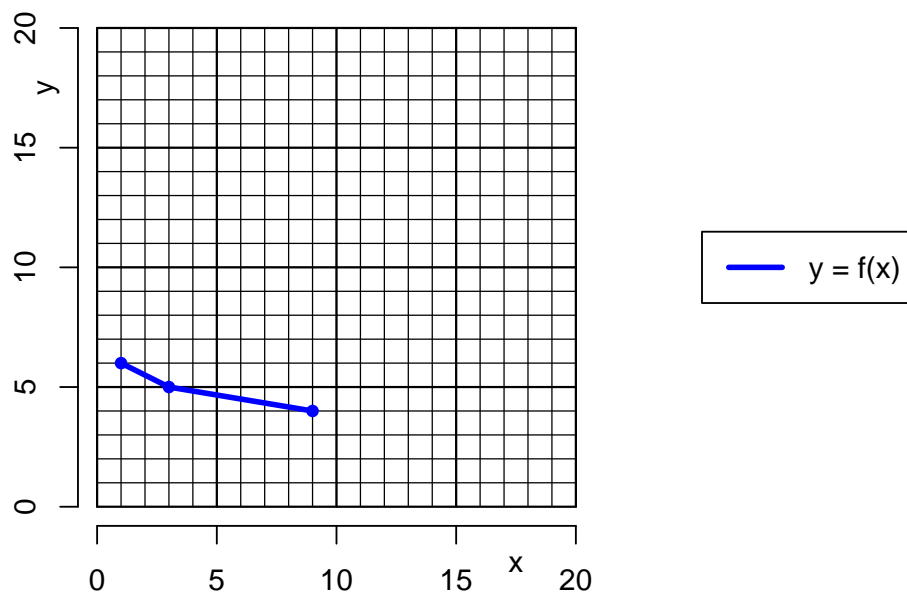

On the same plane, please draw the curve represented by the equation below:

$$y = 2f\left[\frac{x + 6}{3}\right] + 2$$

Question 2

Curve $y = f(x)$ contains points $(1, 6)$ and $(3, 5)$ and $(9, 4)$, as shown on the x-y plane below.

On the same plane, please draw the curve represented by the equation below:

$$y = 3 \left(f\left[\frac{x - 2}{2} \right] - 4 \right)$$